

K. Harbo  
PAGE: 1

PAGE: 1

1632 RUSH

**RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/724,752**

DATE: 03/22/2000  
TIME: 09:54:56

### **INPUT SET: S35098.raw**

**This Raw Listing contains the General Information Section and up to the first 5 pages.**

ENTERED

INPUT SET: S35098.raw

47

48

49 (2) INFORMATION FOR SEQ ID NO:1:

50

51

(i) SEQUENCE CHARACTERISTICS:

52

(A) LENGTH: 259 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

55

56 (ii) MOLECULE TYPE: DNA

57

58

59

60

61

62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

63

64 AGACCCTCTC ACTCACCTGT GCCATCTCCG GGGACAGTGT CTCTAGCAAC AGTGCTGCTT 60

65

66 GGAACCTGGAT CAGGCAGTCC CCATCGAGAG GCCTTGAGTG GCTGGGAAGG ACATACTACA 120

67

68 GGTCCAAGTG GTATAATGAT TATGCAGTAT CTGTGAAAAG TCGAATAACC ATCAACCCAG 180

69

70 ACACATCCAA GAACCAGTTC TCCCTGCAGC TGAACACTGT GACTCCGAG GACACGGCTG 240

71

72 TGTATTACTG TGCAAGAGA 259

73

74 (2) INFORMATION FOR SEQ ID NO:2:

75

76

(i) SEQUENCE CHARACTERISTICS:

77

(A) LENGTH: 400 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

81

82 (ii) MOLECULE TYPE: DNA

83

84

85

86

87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

88

89 AGACCCTCTC ACTCACCTGT GCCATCTCCG GGGACAGTGT CTCTAGCGAC AGTGCTGCTT 60

90

91 GGAACCTGGAT CAGGCAGTCC CCATCGAGAG GCCTTGAGTG GCTGGGAAGG ACATACTACA 120

92

93 GGTCCAAGTG GTATAATGAT TATGCAGTTT CTGTGAAAAG TCGAATAACC ATCAACCCAG 180

94

95 ACACATCCAA GAACCAGTTC TCCCTGCAGC TGAACACTGT GACTCCGAG GACACGGCTG 240

96

97 TGTATTACTG TGCAAGAGAT ATAGCAGTGG CTGGCGTCCT CTTTGACTGC TGGGGCCAGG 300

98

99 GAACCCTGGT CACCGTCTCC TCAGGGAGTG CATCCGCCCG AACCCCTTTTC CCCCTCGTCT 360

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/724,752

INPUT SET: S35098.raw

100  
101 CCTGTGAGAA TTCCCCGTCG GATACGAGCA GCGTGGCCGT 400  
102  
103 (2) INFORMATION FOR SEQ ID NO:3:  
104  
105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 43 base pairs  
107 (B) TYPE: nucleic acid  
108 (C) STRANDEDNESS: single  
109 (D) TOPOLOGY: linear  
110  
111 (ii) MOLECULE TYPE: DNA  
112  
113  
114  
115  
116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
117  
118 CTTGACTAGC TGGGGCCAAG GAACCCTGGT CACCGTCTCC TCA 43  
119  
120 (2) INFORMATION FOR SEQ ID NO:4:  
121  
122 (i) SEQUENCE CHARACTERISTICS:  
123 (A) LENGTH: 15 base pairs  
124 (B) TYPE: nucleic acid  
125 (C) STRANDEDNESS: single  
126 (D) TOPOLOGY: linear  
127  
128 (ii) MOLECULE TYPE: DNA  
129  
130  
131  
132  
133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
134  
135 TATAGCAGCA GCTGG 15  
136  
137 (2) INFORMATION FOR SEQ ID NO:5:  
138  
139 (i) SEQUENCE CHARACTERISTICS:  
140 (A) LENGTH: 77 base pairs  
141 (B) TYPE: nucleic acid  
142 (C) STRANDEDNESS: single  
143 (D) TOPOLOGY: linear  
144  
145 (ii) MOLECULE TYPE: DNA  
146  
147  
148  
149  
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
151  
152 GGGAGTGCAT CCGCCCCAAC CCTTTTCCCC CTCGTCTCCT GTGAGAATTG CCCGTCGGAT 60

INPUT SET: S35098.raw

153  
154 ACGAGCAGCG TGGCCGT 77  
155  
156 (2) INFORMATION FOR SEQ ID NO:6:  
157  
158 (i) SEQUENCE CHARACTERISTICS:  
159 (A) LENGTH: 302 base pairs  
160 (B) TYPE: nucleic acid  
161 (C) STRANDEDNESS: single  
162 (D) TOPOLOGY: linear  
163  
164 (ii) MOLECULE TYPE: DNA  
165  
166  
167  
168  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
170  
171 GACATCGTGA TGACCCAGTC TCCAGACTCC CTGGCTGTGT CTCTGGCGA GAGGGCCACC 60  
172  
173 ATCAACTGCA AGTCCAGCCA GAGTGTTTA TACAGCTCCA ACAATAAGAA CTACTTAGCT 120  
174  
175 TGGTACCAGC AGAAACCAGG ACAGCCTCCT AAGCTGCTCA TTTACTGGGC ATCTACCCGG 180  
176  
177 GAATCCGGGG TCCCTGACCG ATTCAAGTGGC AGCAGGTCTG GGACAGATTT CACTCTCACC 240  
178  
179 ATCAGCAGCC TGCAGGCTGA AGATGTGGCA GTTTATTACT GTCAGCAATA TTATAGTACT 300  
180  
181 CC 302  
182  
183 (2) INFORMATION FOR SEQ ID NO:7:  
184  
185 (i) SEQUENCE CHARACTERISTICS:  
186 (A) LENGTH: 442 base pairs  
187 (B) TYPE: nucleic acid  
188 (C) STRANDEDNESS: single  
189 (D) TOPOLOGY: linear  
190  
191 (ii) MOLECULE TYPE: DNA  
192  
193  
194  
195  
196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
197  
198 ACCATCAAGT GCAAGTCCAG CCAGAGTGT TTGTACACTT CCAGCAATAA GAACTACTTA 60  
199  
200 GCTTGGTACC AGCAGAAACC AGGACAGCCT CCTAAACTAC TCATTTACTG GGCATCTACC 120  
201  
202 CGGGAATCCG GGGTCCCTGA CCGATTCACT GGCAGCGGGT CTGGGACAGA TTTCACTCTC 180  
203  
204 ACCATCCGCA GCCTGCAGGC TGAAGATGTG GCAGTTTATT ACTGTCAGCA ATATTATACT 240  
205

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/724,752DATE: 03/22/2000  
TIME: 09:54:57

INPUT SET: S35098.raw

206 ATTCCATTCA ATTTCGGGCC TGGGACCAGA GTGGATATCA AACGAACGTG GGCTGCACCA 300  
207  
208 TCTGTCTTCA TCTTCCCGCC ATCTGATGAG CAGTTGAAAT CTGGAACCTGC CTCTGTTGTG 360  
209  
210 TGCCTGCTGA ATAACCTCTA TCCCAGAGAG GCCAAAGTAC AGTGGAAAGGT GGATAACGCC 420  
211  
212 CTCCAATCGG GTTGGGGAAA AA 442  
213  
214 (2) INFORMATION FOR SEQ ID NO:8:  
215  
216 (i) SEQUENCE CHARACTERISTICS:  
217 (A) LENGTH: 38 base pairs  
218 (B) TYPE: nucleic acid  
219 (C) STRANDEDNESS: single  
220 (D) TOPOLOGY: linear  
221  
222 (ii) MOLECULE TYPE: DNA  
223  
224  
225  
226  
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
228  
229 ATTCACTTTC GGCCCTGGGA CCAAAGTGG A TATCAAAC 38  
230  
231 (2) INFORMATION FOR SEQ ID NO:9:  
232  
233 (i) SEQUENCE CHARACTERISTICS:  
234 (A) LENGTH: 149 base pairs  
235 (B) TYPE: nucleic acid  
236 (C) STRANDEDNESS: single  
237 (D) TOPOLOGY: linear  
238  
239 (ii) MOLECULE TYPE: DNA  
240  
241  
242  
243  
244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
245  
246 GAACTGTGGC TGCACCATCT GTCTTCATCT TCCCGCCATC TGATGAGCAG TTGAAATCTG 60  
247  
248 GAACTGCCTC TGTTGTGTGC CTGCTGAATA ACTTCTATCC CAGAGAGGCC AAAGTACAGT 120  
249  
250 GGAAGGTGGA TAACGCCCTC CAATCGGGT 149  
251  
252 (2) INFORMATION FOR SEQ ID NO:10:  
253  
254 (i) SEQUENCE CHARACTERISTICS:  
255 (A) LENGTH: 399 base pairs  
256 (B) TYPE: nucleic acid  
257 (C) STRANDEDNESS: single  
258 (D) TOPOLOGY: linear

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/08/724,752**

DATE: 03/22/2000  
TIME: 09:54:58

***INPUT SET: S35098.raw***

Line

Error

Original Text